



An Essay on
Hereditary Predisposition
AND
the best means of preventing
Hereditary Diseases
C. B. Fleet. - Virg.
admitted March 4th 1820 -

25
Cov

inheritance
human misery
ful source
forms. —
ation of
for politico
remedies
suffering
Protestan
ity, and
which ac
which acc
which acc
The sig
tion in the
position to
ly in the
Don Allen

Ever since the fall of our first parents, the sad inheritance entailed on all their numerous progeny has been misery to a greater or less degree, not the least painful source of which is that of Disease in its various forms. Dreadful indeed would have been the condition of mankind, had not divine providence so far pitied them, as to have afforded the necessary remedies for the relief of their numerous bodily sufferings.

Perhaps there is not a more fruitful source of anxiety, uneasiness and distress presented by the diseases which are incident to the human body, than those which descend from one generation to another and which are generally termed Hereditary.

The subject to which I wish to call your attention in this essay is that of the hereditary predisposition to those diseases which occur most commonly in the United States.

An attempt will be made to describe the peculiar

[Faint, illegible handwriting, likely bleed-through from the reverse side of the page.]

rites and
liable to
the above
to assign
the
general
predisp
By
particula
fected by
quies to
poping
predisp
when
mently dep
organiza
is inherite
In the
one part of
of external

rities and appearances of the persons who are most liable to each of the several diseases included under the above term. After which I shall endeavour to designate the best means of preventing each.

Previous to entering upon the diseases, a few general observations will be made on the subject of predisposition.

By the term predisposition I understand a particular aptitude in some persons of becoming affected by slighter external causes, than would be required to produce a similar affection in others not possessing any such predisposition. And this predisposition is either acquired or hereditary, ~~when hereditary~~, when hereditary it most commonly depends on some peculiarity of structure or organization of the part so predisposed which is inherited from ancestors.

In this, and no other way, can we explain why one part of the body should be affected by the action of external causes, in preference to another. This is

accomplish
 become also
 since also
 is the part
 Upon the
 number of
 are present
 seating a
 different a
 opposite a
 Her car
 originally
 date to the
 at a low
 quantity a
 their and
 moved by
 affected a
 will bring
 No one

exemplified in all diseases, and is so notorious as to have become almost an aphorism with medical men. "That disease always attacks the weakest part," which of course is the part in which the predisposition is the strongest. Upon the same principle we can explain why a number of persons whose occupation and mode of living are precisely similar, and who are exposed to the same exciting causes should become affected with entirely different diseases, requiring different and sometimes opposite remedies for their cure.

Nor can it be doubted that predisposition although originally acquired, may be transmitted from parents to their offspring, otherwise we should be greatly at a loss in explaining, why children are so frequently affected with the same diseases with which their ancestors have been afflicted. It once it is observed by Doctor Rush "that when parents have been affected with gout, that half the intemperance will bring it on in their children."

Nor do we always find even when the predisposi-

tion has
servants
be in the
invited by
of diseases
cases of the
generation
diseases
appearing
Ditto
cases says
offspring
ty of fea
and not
disease
Our author
ly of children
with Typhoid
after being
which of

tion has not been manifested in the immediate descendants of the affected parents, that it shall not be in the subsequent generations. Hence we are directed by physicians in searching for the source of diseases, not to confine our inquiries to the diseases of the parents alone, but to go back several generations: for there are instances of hereditary diseases skipping one or two generations and then appearing in subsequent ones.

Doctor Adams, in his treatise on hereditary diseases, says the danger and severity of the taint of offspring may often be estimated by a similarity of features or character to those of their brothers and sisters, who have previously fallen into the disease.

Our author illustrates this opinion by the case of a family of children who at a certain age became affected with Hydrocephalus Intermittens, so that the mother after having two or three formed a correct prognosis which of her younger children would be seized with

the disease
This part
previously
with a few
Doctor O
tion; he a
former ter
With
or I would
tibility
most case
predispos
part is p
obvious ca
only the
also; one
not with
Predispos
susceptible
the term

the disease
This part
previously
with a few
Doctor O
tion; he a
former ter
With
or I would
tibility
most case
predispos
part is p
obvious ca
only the
also; one
not with
Predispos
susceptible
the term

the disease and at what age :-

This part of the subject would now be completed but previously to doing this I would beg to be indulged with a few observations on a distinction made by Doctor Adams between Disposition and Predisposition, he attributes the strong, not a, disposition to the former term.

With due respect to the opinion of our author or I would beg leave to enquire whether that susceptibility which he calls Disposition may not in most cases be the consequence of a previous strong predisposition, which has increased until the part a predisposition takes on disease without any obvious exciting cause thereby becoming not only the predisposing, but the exciting cause also and rather the Spelling strong and weak might not with equal propriety be preferred to the term Predisposition to denote the different degrees of susceptibility, to which Doctor Adams applies the terms Disposition and Predisposition?

this way I
have been told
now that an
production
I hope that
ion, since I
addition to
tunctions con
the controls
like the
jig-jag

or
The

maxi a
minary C
It is
is correct a
centhon is
May not

1. *It is true the disposition is not produced, but was I not conscious why disease should not have been the immediate result, even if it were the case, that an exciting cause is not necessary for the production of disease when the disposition exists.*
I hope that I shall be pardoned for this digression since I viewed it an unnecessary and a needless addition to the long catalogue of terms and distinctions which perplex the student of medicine. The recollection of which would say much facilitate the acquisition of a knowledge of his profession.

2.
The disease with which I shall commence is *Phthisis Pulmonalis* or *Pulmonary Consumption*.

It is a very ancient aphorism, which is as correct as it is old "that an ounce of prevention is worth as much as a pound of cure." May not prevention be estimated still more

valuable w
considered.
establishe
remedies u
batted

The

one genera
rich, prom
complexion
lip, great
it a sensu
peculiar
cula: sup
as much as
catarrh a

Foma

on a c. c. c.
lyf. 10 de
It occurs
18 and 3

valuable when applied to the disease about to be considered, the 'savage' of which when once well established had defiance to all the kinds of remedies with which it has been hitherto combated.

The symptoms of this Comaertia implicant are generally characterized by spare slender long necks prominent shoulders high cheek bones rasy complexion, light hair and eyes turned upwards great sensibility, and all the other symptoms of a sanguine temperament. There is likewise a peculiar irritability and weakness of the vascular system more especially of the liver, inasmuch as the individual is subject to a frequent catarrh and spilling of blood.

Females are more subject to it than males on account of their sedentary habits and irregular bodily exertion than males.

It occurs most commonly between the age of 18 and 35 years.

[illegible]

It is more frequently inherited from the father than mother.

I have the particular of this most useful to the disease which have been, not without particularity of concern with those who are interested. If a disposition it appears to me that it might be taken to prevent it long before any symptoms of the complaint has made their appearance.

Alack may be accomplished toward preventing all hereditary diseases by proper management between the parent and posterity.

By early training children to endure hardships which will be shown a not only toward preventing the disease in its commencement, but the system will become fortitude against the attack of it. The disease whether hereditary or not. I do not mean to say that they would be entirely exempt from diseases by a strict observance of the rule, but they would enjoy in fact a great immunity from disease as the atmosphere of our country, not being the

proper al

and saw p

the

the

the

the

the

the

the

the

the

the

the

the

the

the

the

the

the

the

proper allowances for the difference between civilized
and savage customs. As the Indians, however, are
not of the same mind, they are not
known to do any one, and they were certainly
not among the first settlers of this country.

It would be utterly incompatible with the nation's
present undertaking, to enter minutely into the dif-
ferent ways by which the nature and strength of
constitution, which belong to the nation of our country,
may be improved by the application, in well chosen
and judicious, general observations.

It is to be feared that children may suffer an increase
in the number of immatures, by reason
of from cold. They should be accustomed to both
ill and cold water, &c. &c. &c. &c. &c. &c. &c. &c.
in summer, and especially when entering, &c. &c.
the winter, they should be accustomed to do this
from their earliest infancy. Children should be
accustomed to exercise much in the open air.

They should never be brought up to sleep in a

warm room

to me to be

and vice.

The form

and indication

I have

two patients

going to a

Medicine and

more to see

very, what

long, on an

I

about the

what are the

you to know

do it properly

I am

however I

but I

warm room during the winter. The best bed appears
to me to be a mattress in the winter and a blanket
and sheet spread on the floor in the summer.

The food of Western Mexico is simple, plain
and nutritious.

I have often observed that the chief of Comanches
like patients is much more shallow than usual
owing to a disposition to be very impatient of the
attention about the disease, which, perhaps, is not
more to early fatal which young persons are
very apt to be prone of sleeping instead of sit-
ting in an erect posture. I am of the opinion
that they are to understand of a heavy duty and
and the direct attention with a view of main-
taining the blood which causes them to be dis-
posed to remove it by frequently making just one
such impression.

From the frequency of occurrence in Mexico
I am of the opinion that it is a true national
disease, and I am inclined to think of the

more for the
amount of money
that it

has about
the same

perhaps a new
style of paper
is now in

use and
the same are

It should be
for direct

libring up
to the desired

each side
it is now

in the same
position
it is now

which has succeeded most happily with myself and several of my friends to whom I have recommended it.

To make simply of a square piece of strong linen about three or four inches in dimensions with a button or strap fastened to each of the sides nearest the corners, and a strap to each of the opposite angles sufficient long to extend round the waist and to buckle just below the pubis. When the arms are passed through the shoulder straps it should be buckled moderately tight as it were directed and it may be preserved from slipping up by a couple of tapes fastened to the drawels and laid over the straps on each side of the buckle.

With this contrivance I was not only enabled to keep the rectum in its proper position, and to prevent the dangerous and sometimes the irreparable consequences of its being pushed down it is well known it is used to produce a slight

exacerbation when it is open the shoulders exposure of the lower limbs is drawn to light, this is the only exposure cause which can perfectly ease them at once and the way be directly orientated by wearing it loose at first, and gradually tightening it as the wearer becomes accustomed to it. To free from its being uncomfortable to the wearer able to wear become accustomed to it, that he will feel uneasy without it.

I think it would be very sensible to avoid even of a consumptive form to wear such a contrivance constantly.

As regards the dress of children and youths it should be comfortable and perfectly loose, tight lacing, particularly over the chest should be positively forbidden.

Neither should the general conformation and peculiarities of the body be overlooked in selecting a profession for a young person any more

than the
max alie
next for

I am
at the
of course
the matter
some time
to night
which was
Parties
to the dinner
of looking
of her

than the moral tendency or inclination of his
mind; always selecting the most active employ-
ment for such as are of a consumption form.

There is much to be said in favour of
indoles of these nature as well as others of the na-
ture of the disease, and it will be found to be an ac-
cidental substitute.

The artist has been advised, and respecting the
precautions against P. Williams Pneumonia. I
shall only say that since the other measures
in relation to maintaining the patient should be
continued in guarding against the recurrence of
the weather and all the resulting causes to the dis-
ease. This should be most most the skin and
the slightest cold should always be treated by the
appropriate remedies as soon as it occurs.

Particular attention should likewise be paid
to the diseases which may occur about the person
of the patient, especially in females, for the cure
of this as well as other hereditary diseases are in.

January 20th

1891

which may

1/2

1891

1891

Robertson

1891

1891

1891

It has been

42 on Tuesday

we not only

are in the

perfectly

1891

1891

1891

tremely apt to germinate in a soil already in some
degree prepared by nature, and completed by any disease
which may happen to occur at this season

But it is not only I think the most common
cause of the disease, but also the most dangerous than any other
because it is not only a constant in the chest, but

Heredia

Heredia is the mother of all the diseases of the
lungs, ^{diseases} and it is not only the most common in the
lungs, which have been named a great deal

It has been said by some that Heredia should not be called
an Hereditary disease, because the children of scrophulous parents
are not always affected with it, and do not even observe
it in the lungs, and it is true, but it is not always
affected with it

It is not only a disease of the lungs, but it is also
a disease of the heart, and it is not only a disease of the
lungs, but it is also a disease of the heart, and it is not only a disease of the
lungs, but it is also a disease of the heart, and it is not only a disease of the

at, but this cer
to Scaphula is
don. The sam
direction of hoo
monalis, Man
usually consid
be been eaten
some of the co
and others etc

I must re
sculpture a
with sculpt

I do not pr
Here let any
but that it a

Pliny
the same
we are to
it is a
recollections

it, but this certainly can be done in a great measure
to prevent it from becoming a permanent disease. The same objections might be urged against the
doctrine of hereditary predisposition to Phthisis. But
monialis Maria, has all the other diseases which are
usually considered to be hereditary indeed they might
be even referred to congenital diseases because only
some of the children of a family are destroyed by them
and others escape.

I must continue therefore that the descendants of
scrofulous ancestors are more liable to be affected
with scrofula than those of healthy ancestors.
I do not pretend to say that the disease itself is
hereditary independently of the predisposition
but that it is merely the latter which is so.

Often if the disease has appeared in the mother
she communicates it to others present in her womb, yet
not a trace of scrofula is seen in her child. Huxham
that it was less common to pass on from the
mother to her child, and that he succeeded in curing

1/20/1900

Wednesday

and

The

the

the

the

the

the

the

the

the

the

the

the

the

the

the

In addition

alter to

the

the

the

predisposition. They are generally active but
seldom robust and able to stand much labor.
The glands of the scrotum are various, particularly those
of the urethra, are apt to meet frequently, which is
often accompanied with pain or tenderness."

With respect to the best means of preventing
scrophula, I have nothing to add to the general
management already given, for the
prevention of scrophula, and the cure of it, are the same.
The same means, in fact, are necessary to prevent the
disease as to cure it. The only difference is, that
the cure is more difficult, and the means more
various. The only means of preventing the disease
is, to keep the system in a healthy state, and to
avoid all causes of debility. The only means of
curing it, is, to keep the system in a healthy state,
and to avoid all causes of debility. The only means
of preventing the disease is, to keep the system in a
healthy state, and to avoid all causes of debility.

In addition to the general management already
alluded to, I would advise that particular attention
should be paid to the inflammatory swellings of the
glands which may occur at any ^{time} to prevent infection.

from the

to the

There is

that I believe

It is there

easy to

predilection

concern

concern to

to the

of the

showing the

element

or two

I have no

rites to which

predilection

peculiar

It may

tion takes place.

It is not difficult to understand, and which shall now
be considered as *Gravitation & Curvature* —

This is a disease which is so little understood
that I have very very little about it in my power.

It is thought to depend generally upon the
very constitution. Mr. Adams thinks that a
predisposition to disease depending on the
curvature of the structure may be transmitted from
parents to their children, and that is the case
in disease is transmitted.

Mr. Adams also says of the same disease, in
children that it is highly contagious, and is more readily
communicated in children's hands, not more than one
or two will be affected with subsequent recovery.

I have not been able to discover in any of the various
rites to which I have had access that the contagious
predisposition is marked by any distinguishing
peculiarities.

It may occur at any period, but most common.



to does not make its appearance until advanced
late life.

Women are more subject to it than men,
and it is most apt to occur in them about the
period of the ripening of the uterus.

Doctors tell us that in some cases women bleed
who were afflicted with cancer, and believe it must
be the same case here, for a discharge of blood
is the first thing that is observed, and it is
usually continued.

The heat of the body is raised from cancer,
but it is not necessarily attended with pain.

Women say that it is most frequently
produced by a blow or some external injury,
some to the breast itself, but that is however
ally the consequence of over-exercising
from other causes.

From what has been said above it would ap-
pear that the means of preventing cancer
should vary according to the cause and nature.

her state
I have
in short
she is so
to the point
heartily
much
I have
to some
over the
when we
with affe
concern
of the
your

By her
18. 9. 9.

her state of the constitution connects with it
During its morbid period of its formation
it is not as we should be prone to think, as if after
some time it became obstructed or irregular in its ac-
tion, & such remedies as we could find, according
to the particular state of the constitution to restore it
to its healthy action of the uterus should be more readily
resorted to.

Disorders of the female should be careful
in every degree of its condition, both acute and
chronic they become affected from any cause, whatever
solid morbid should be immediately adopted to prevent
such affections from terminating in cancer.

The next disease to which I shall call
your attention is

Scirrhus

By Cullen and others in general it has been
defined to be an inflammatory disease.

Although
be met in
tous pres
I justify
revert.

With a re
the subject
having con
I "C

Of the

What
From the
response
I have a

[illegible]

The same author observes that Gout is a constitutional
or hereditary propensity, as it is not found in primitive
or a people found the susceptibility to it after labor
in the body, but in the constitution and heredi-
tation but more frequently wholly acquired not ap-
pearing before the age of puberty, it often occurs in the
age of twenty five years more frequently between
the age of twenty five and thirty five.

Gout is the same as that found in an aspect
is hereditary, depending upon the propagation of
a similar disposition from father to son, it is
a matter peculiar to the sex has been derived from
ancestors, it is found in existing more well in
men than in those habits when this is not
been the case. The disease sometimes begins
by children and appears in grand children.
There are instances likewise when it has pre-
sented by the males and appeared only in the females
of a family.

The subjects of Gout are most commonly married

with long
quantity
say that
Lesson.

Recite
then for
The

it is an
very short
the way.

It seems
with short
The

very near
say that
I.

The
exchange

with large capacious and vascular chest they are generally full sized and loose solid, and Cullen says that they have coarse skin, from the sole membrane being thicker in them.

Males are more frequently afflicted with it than females in the ratio of 84 to 15.

The best means of preventing Scurvy in persons who are constitutionally predisposed to it, are very obvious they consist in a simple mode of living, the use of exercise, and a total abstinence from all kind of spirituous or fermenting liquors, together with strong tea and coffee.

This practice is corroborated by its comparatively rare occurrence in female from the remote causes to, and being more slightly applied.

I shall now make a very few observations on.

Apoplexy

This disease has been somewhat remarkable in various nations since the time of Hippocrates, and is common.

amara
cristo
prophet
The
justice
in
in
in
H. me
from 18
predecessor
certain
with
the
He to
ice in
in
But
2320
pre

among the first to lose measure, and among the
most of spasm, tremor, and constitutional
predilection, and in the most important

The subjects of this disease are usually, and
usually by the mode of "cure," thus when the heart
is violently, and the neck, and the body,
consequently, are involved in paroxysm, the
condition.

It most commonly attacks in advanced life,
from 60 years and upwards, but when heart disease
precedes, it often occurs in the intermediate period
between the middle and old age, and the
condition is not so severe, and the attack is not so
frequent, and the recovery is not so slow.

As to the prevention of apoplexy, no very pre-
cise rules can be laid down, for this must vary
according to the nature of the existing disease.

But it may be safely recommended in all
cases to observe, when any symptoms of a
pre-disposition to apoplexy, to avoid excitement

of traces to
Lynchburg
1875-1880

no day

The ...
 the ...
 ...
 ...
 ...

The
...
by ...
...
...
...
... adds
... eyes

As we
were can-
not it was
slightly dis-
torted, be-
cause of the

It appears from the observation of it, that the
young when first separated from the mother is
found to exert little or no power in saving itself
from the jaws of its mother, and that it does
not even cry. The age at which it can, perhaps, it should
be first separated from the mother is about
18 or 20 days, to avoid any loss of time. The
young are very tender, and in the age

It seems to be more subject to diseases than
men. Dr. Keble supposes that it is owing to
a greater proportion of water in their
body, by mistake, the young are
often, and to some extent, of being so much
affected as their parents.

As in the preceding cases, no person
can be laid down for preventing illness;
but it may be observed by keeping the mind con-
stantly employed, a good deal will be accomplished
towards preventing it. Although constant employ-
ment of the mind is of great value, some persons

Ch. 1. 1. 1.

Jan. 1891

1900

1. 1. 1.

1894

11/11/11

1871. 1872. 1873.

M. J. J. J. J.

1000

100. 13. 1. 1. 1.

the day

case should be used lest the mind should always
become fatigued.

It is not until a numerous number
of ideas are laid out too early to the study of those
difficulties which would require too great attention and
fatigue of their faculties to be bestowed on the
rest of the mind. It should be our object to reserve them
for the more time that they are gradually ac-
quired.

Neither should the principles of mental
discipline be in any case imitated in general
a few observations should be selected for them.

With these observations I shall close this dissertation
it would be very tedious to do more. It is a disease
which in a great measure is not even necessary
to be introduced for their residence in the same
manner as those already treated of. But this would
greatly narrow the limit of the study of the
mind. It is to be observed that it is only a few
of the observations to the most important of the human

long and
in the

tary diseases which are of most frequent occurrence
in the United States.

The writer begs that his incompetency
of rendering this (his first essay) more accepta-
ble may be received as his apology for its
numerous imperfections.

My dear Sir,
I have the honor to acknowledge the receipt of your letter of the 10th inst.

and in reply to inform you that the same has been forwarded to the proper authorities for their consideration. I am, Sir, very respectfully,
Your obedient servant,
J. H. [Signature]

C

67
a Medical Service
in the
United States.

Samuel Clark Oliver

Wm. Latham's 303.

Race Street

wishes to be examined before

this afternoon

Sam^l. Clark Oliver

admitted March 23^d. 1820-

On
Precedence
of

We have
peculiar
intellect,

As well
soil, beca
proper se
the certa
not prod u
combination
vice aga